



Temperature sensor

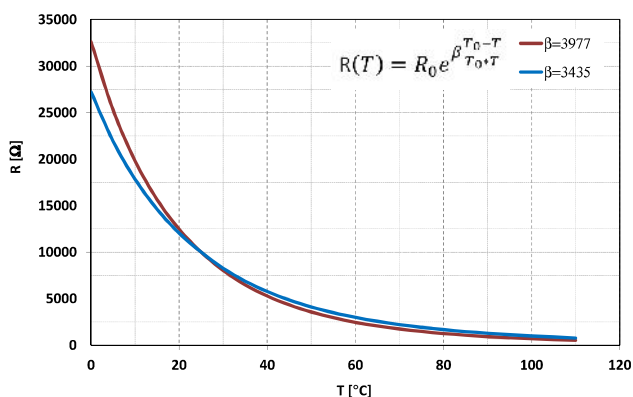


Description

High-performance immersion temperature sensor for several HVAC applications that require resistance to chemical corrosion. Based on NTC element and stainless steel or brass body, the new design has been developed for a fully automated manufacturing process.

Output diagram

Relationship between resistance and temperature (or parameter equation)



Available features

BETA VALUE	3435 K	3977 K		
HYDRAULIC INTERFACE	steel clip & O-ring [stainless steel housing]	G 1/4" [brass housing]		



Datasheet

Ambient temperature

From 2° to 70°C

Water temperature

From 2°C to +95°C, peak 110°C

Water pressure

From 0 bar to 10 bar

Electric connections

Rast 2.5 - 2 pin connector

Supply voltage SELV

Thermal time constant

<5s (typical <3.5s)

Response time <7.0s

Insulation resistance

>7MΩ, 500 VDC

Dielectric strength

>2000 VAC, 1s

Overall dimensions

